

$$\begin{array}{c}
 \text{---} \\
 | \\
 \text{O} \text{---} \text{P}_i \\
 | \\
 \text{N} \\
 | \\
 \text{Z} = \text{P} - \text{X} \\
 | \\
 \text{Y}_1 \text{---} \text{O} \text{---} \text{P} \\
 | \\
 \text{N} \\
 |
 \end{array}$$
$$\begin{array}{c}
 | \\
 Y_2 \\
 \text{---} \text{O} \text{---} P_i \\
 | \\
 N \\
 | \\
 Z = P - X \\
 | \\
 Y_2 \\
 \text{---} \text{O} \text{---} P_j \\
 | \\
 N \\
 |
 \end{array}$$

Fig. 2D-D/E-E

TGCAACTCCCCGTAGCAGCG	charged
ACGTTGAGGGGCATCGTCGC	uncharged
TGCAACTCCCCGTAGCAGCG	charged
ACGTTGAGGGGCATCGTC	uncharged
TGACAACTCCCCGTAGCAGCG	charged
ACGTTGAGGGGCATCG	uncharged
TGCAACTCCCCGTAGCAGCG	charged
ACGTTGAGGGGCAT	uncharged
TGCAACTCCCCGTAGCAGCG	charged
GTTGAGGGGCAT	uncharged
TGCAACTCCCCGTAGCAGCG	charged
TGAGGGGCATCGTCGC	uncharged

3.
Filing.

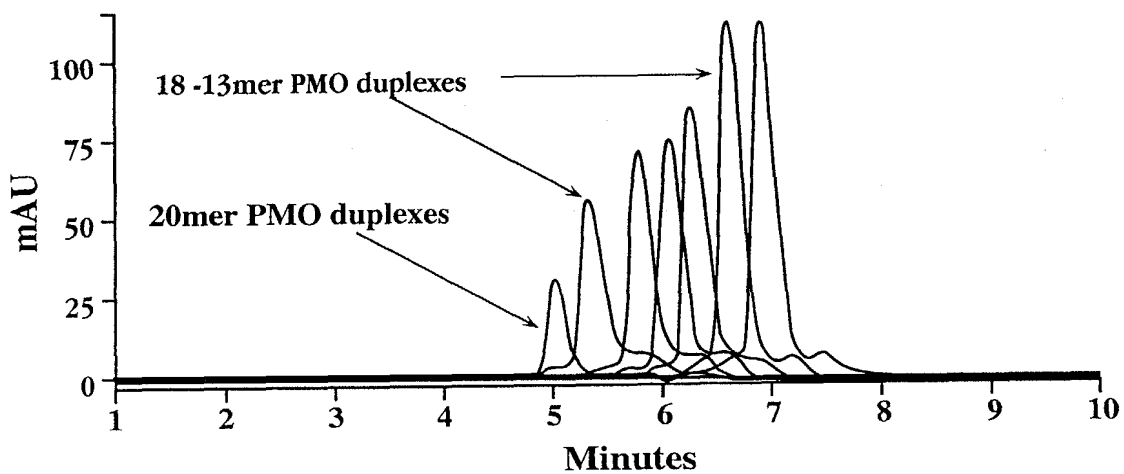


Fig. 5A

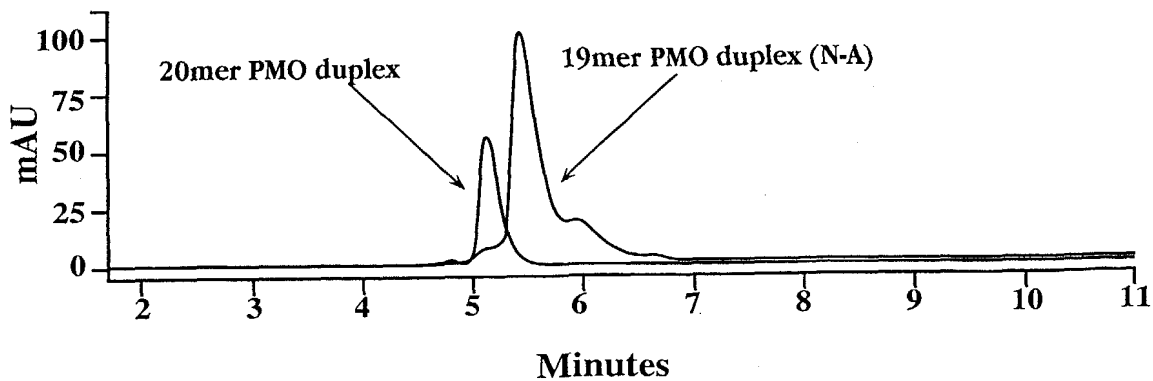


Fig. 5B

09043458 083004
T00E20 8544660

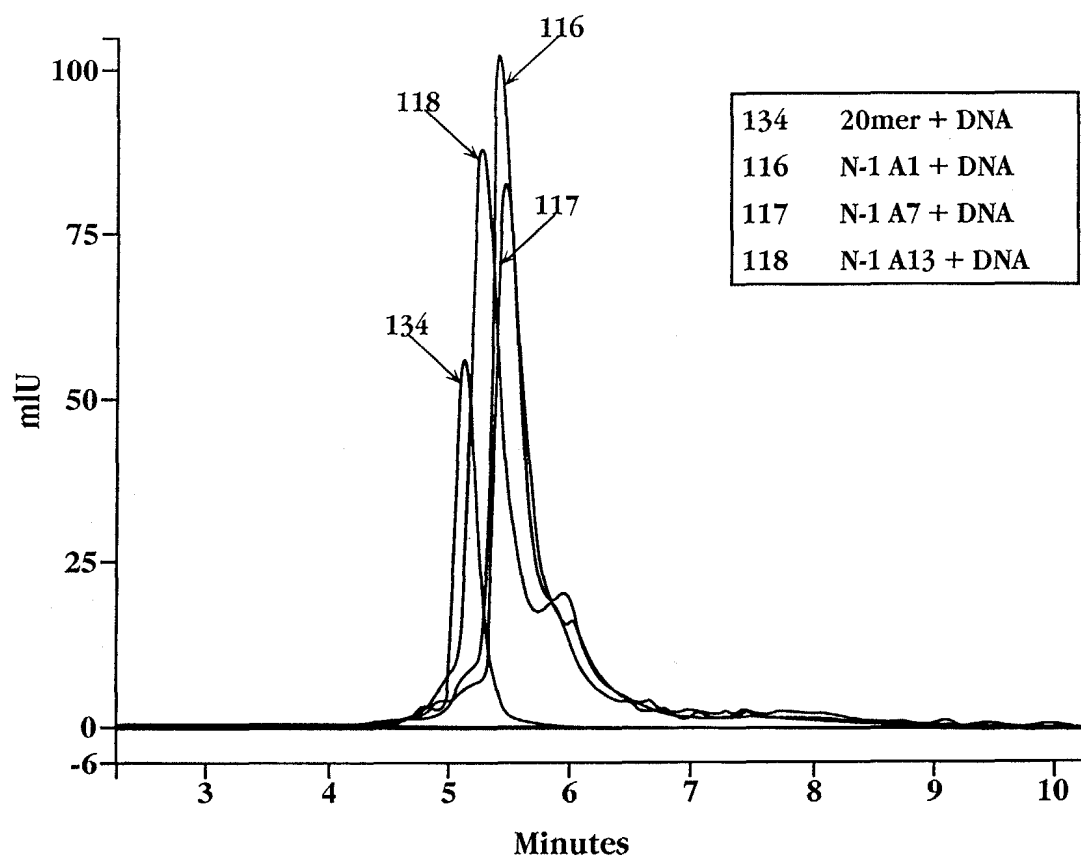
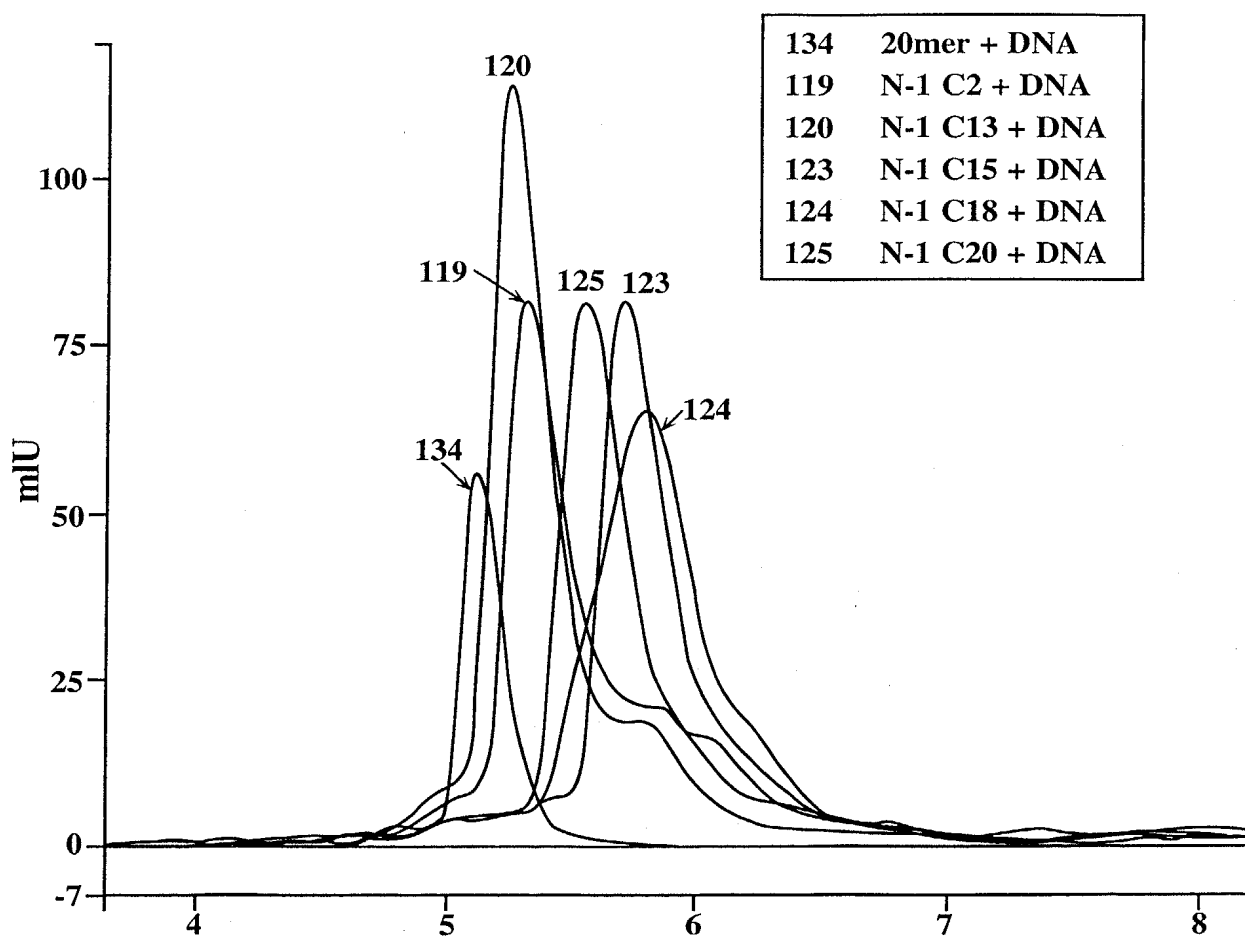


Fig. 6

**Fig. 7**

000445 083001
100220 854460

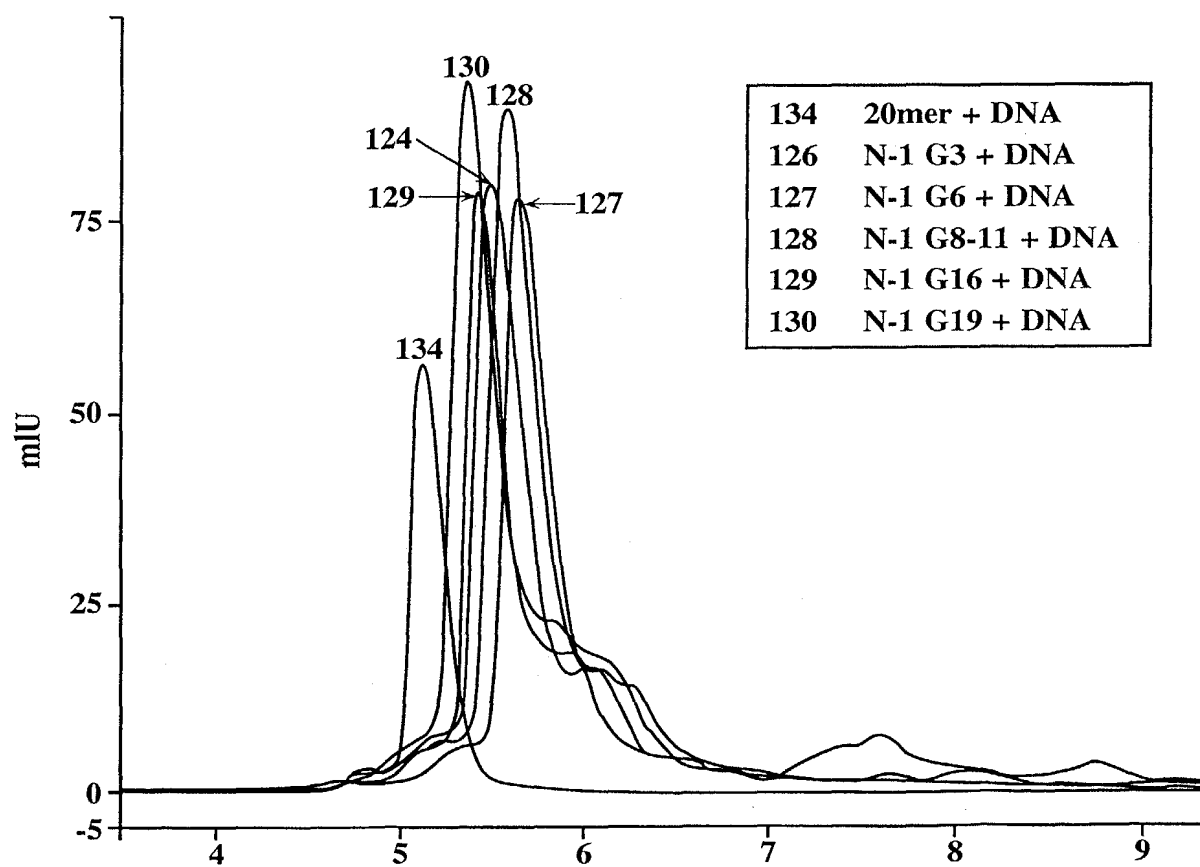


Fig. 8

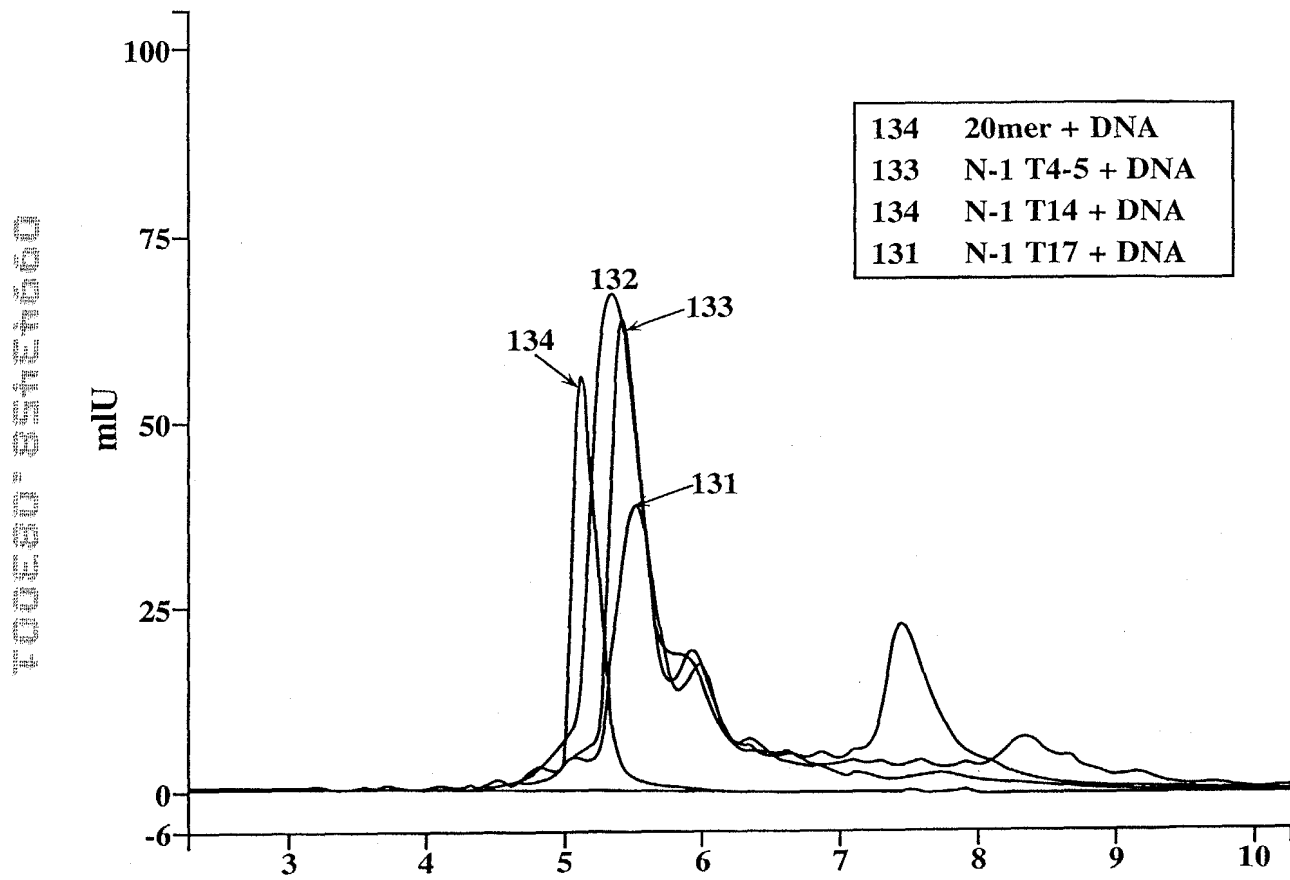


Fig. 9

FOU-80-854E-1000

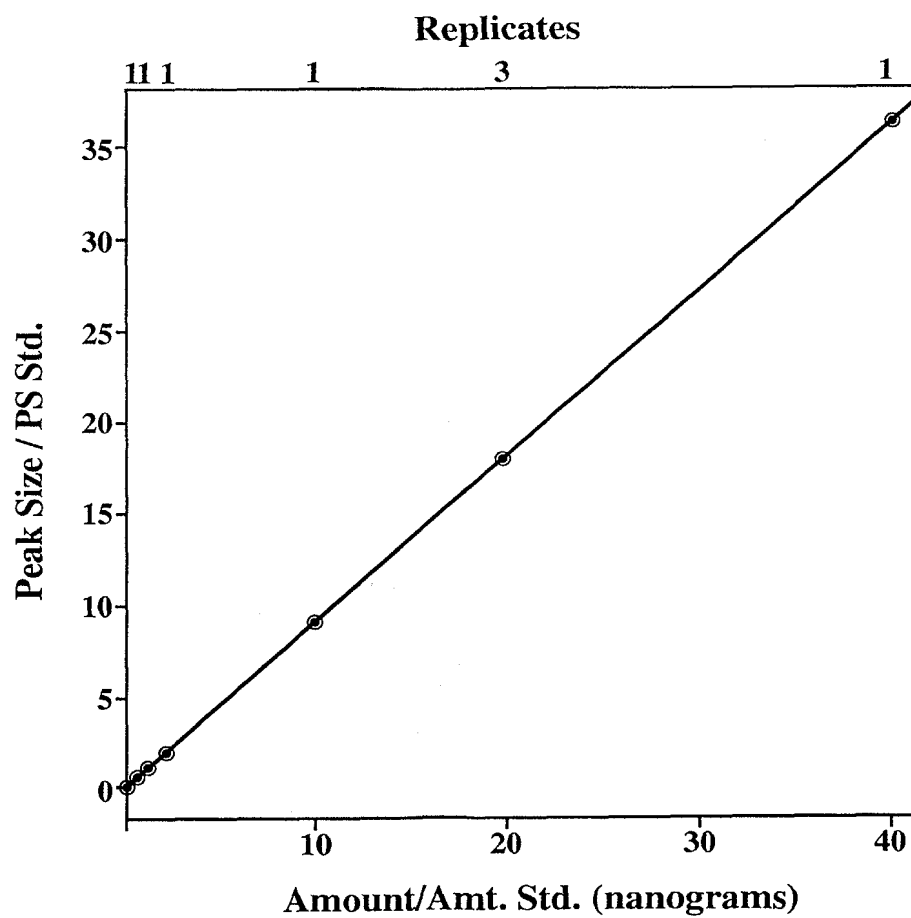


Fig. 10

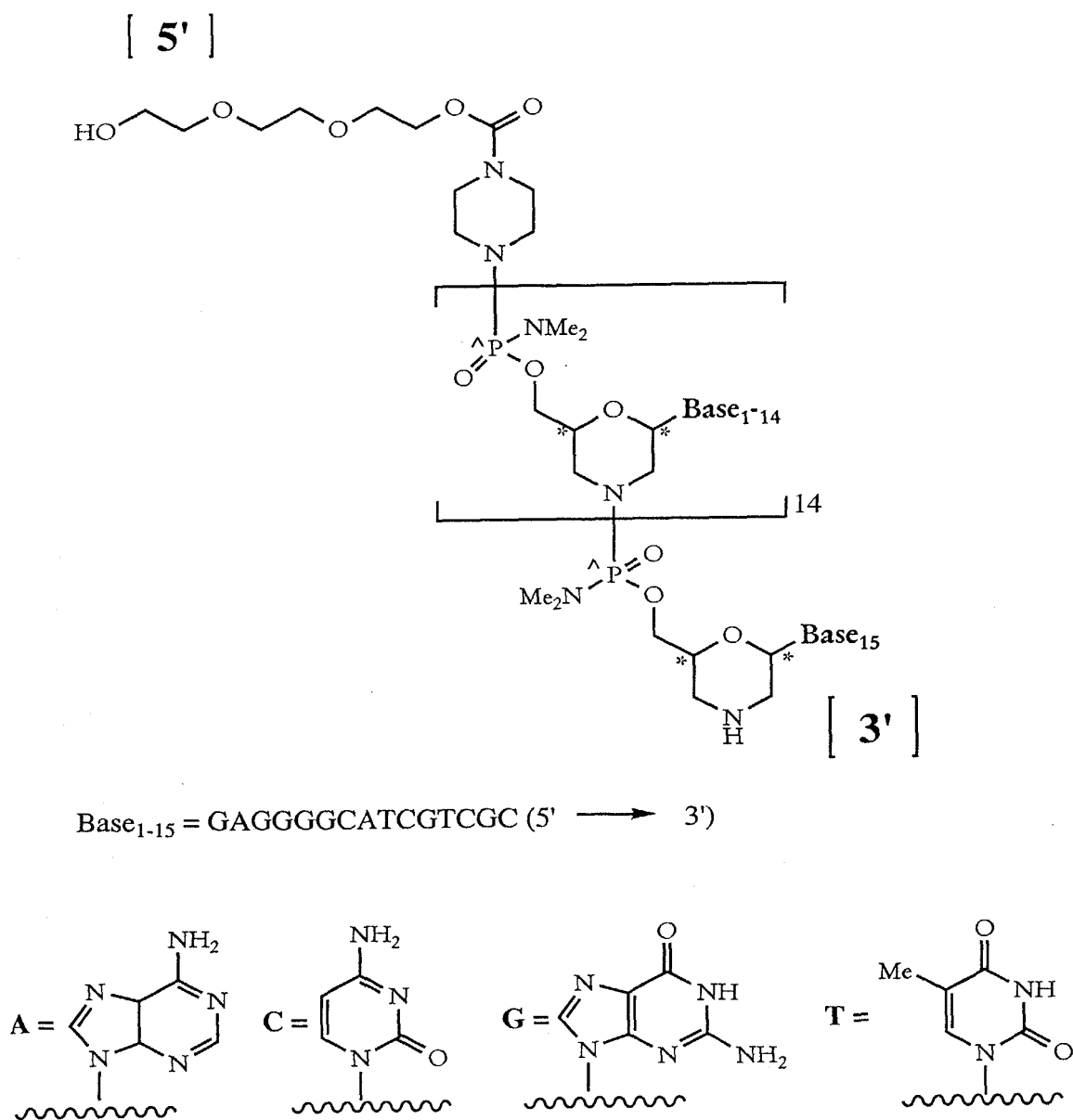


Fig. 11

TUEB01544660

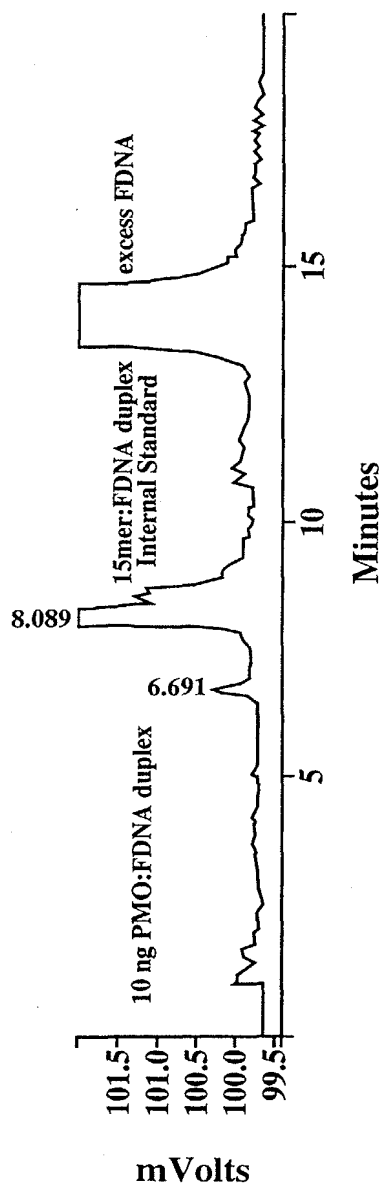


Fig. 12